RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/566,606
Source:	Per.
Date Processed by STIC:	2/1/06
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RAW SEQUENCE LISTING DATE: 02/07/2006
PATENT APPLICATION: US/10/566,606 TIME: 09:51:17

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5 <110> APPLICANT: Degussa AG
     8 <120> TITLE OF INVENTION: Process for the preparation of L-threonine
    11 <130> FILE REFERENCE: 030217BT
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/566,606
C--> 14 <141> CURRENT FILING DATE: 2006-01-31
    14 <160> NUMBER OF SEQ ID NOS: 10
    17 <170> SOFTWARE: PatentIn version 3.1
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    22 <212> TYPE: DNA
    23 <213> ORGANISM: Escherichia coli
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    27 <221> NAME/KEY: CDS
    28 <222> LOCATION: (1)..(990)
    29 <223> OTHER INFORMATION: rpoS gene
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    37 ttt gat gag aac gga gtt gag gtt ttt gac gaa aag gcc tta gta gaa
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    38 Phe Asp Glu Asn Gly Val Glu Val Phe Asp Glu Lys Ala Leu Val Glu
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    41 cag gaa ccc agt gat aac gat ttg gcc gaa gag gaa ctg tta tcg cag
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    42 Gln Glu Pro Ser Asp Asn Asp Leu Ala Glu Glu Glu Leu Leu Ser Gln
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               35
                                    40
    45 gga gcc aca cag cgt gtg ttg gac gcg act cag ctt tac ctt ggt gag
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    49 att ggt tat tca cca ctg tta acg gcc gaa gaa gaa gtt tat ttt gcg
                                                                              240
    50 Ile Gly Tyr Ser Pro Leu Leu Thr Ala Glu Glu Glu Val Tyr Phe Ala
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    53 cgt cgc gca ctg cgt gga gat gtc gcc tct cgc cgc cqq atq atc qaq
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    54 Arg Arg Ala Leu Arg Gly Asp Val Ala Ser Arg Arg Arg Met Ile Glu
    57 agt aac ttg cgt ctg gtg gta aaa att gcc cgc cgt tat ggc aat cgt
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    58 Ser Asn Leu Arg Leu Val Val Lys Ile Ala Arg Arg Tyr Gly Asn Arg
    62 ggt ctg gcg ttg ctg gac ctt atc gaa gag ggc aac ctg ggg ctg atc
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    63 Gly Leu Ala Leu Leu Asp Leu Ile Glu Glu Gly Asn Leu Gly Leu Ile
    66 cgc gcg gta gag aag ttt gac ccg gaa cgt ggt ttc cgc ttc tca aca
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    67 Arg Ala Val Glu Lys Phe Asp Pro Glu Arg Gly Phe Arg Phe Ser Thr
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RAW SEQUENCE LISTING DATE: 02/07/2006 PATENT APPLICATION: US/10/566,606 TIME: 09:51:17

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	Gln																
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	7 Glu																2-2
10		290				,	295					300		,	3	01	
	0 att			- caa		a ctc			· ++c		י מפפ		-	, ,,,,,	200	. cac	960
																Gln	300
	2 305		ı va.	L GIC	r GT		_	ALC	у пес	ı Arc	-		: пес	GII	1 1111		
						310					315					320	000
	4 ggg											٠,					993
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110					325	•				330)						
	8 <21																
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12:	1 <21	.3> (DRGAI	NISM:	Esc	cheri	.chia	co]	Li								
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12	5 1				5					10					15		
12	8 Phe	Asp	Gli	ı Asr	Gly	/ Val	. Glu	(Va)	l Phe	Asp	Glu	ı Lys	a Ala	Let	ı Val	Glu	
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RAW SEQUENCE LISTINGPATENT APPLICATION: **US/10/566,606**DATE: 02/07/2006

TIME: 09:51:17

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Output Set: N:\CRF4\02012006\J566606.raw

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152 Tyr Ala Thr Trp Trp Ile Arg Gln Thr Ile Glu Arg Ala Ile Met Asn
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155 Gln Thr Arg Thr Ile Arg Leu Pro Ile His Ile Val Lys Glu Leu Asn
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                                        170
158 Val Tyr Leu Arg Thr Ala Arg Glu Leu Ser His Lys Leu Asp His Glu
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161 Pro Ser Ala Glu Glu Ile Ala Glu Gln Leu Asp Lys Pro Val Asp Asp
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167 Pro Leu Gly Gly Asp Ser Glu Lys Ala Leu Leu Asp Ile Leu Ala Asp
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120

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	35	Lyb nec	Old Lyb	40	DCI .	oci my	45	, IIII	· vai	110		
281					cc2 (ata cec		. 220	, cta	aaa		
281 283		כמכ מפפ	gat ccc								192	
283	ctg gtg aag										192	
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RAW SEQUENCE LISTING DATE: 02/07/2006 PATENT APPLICATION: US/10/566,606 TIME: 09:51:17

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						Ala											712
345	1	290	<b>-</b>		Lu	2.1.U	295	1.100	د ړ ــ	-y 3	- y -	300	пта	Leu	1113	VOII	
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VERIFICATION SUMMARYDATE: 02/07/2006PATENT APPLICATION:US/10/566,606TIME: 09:51:18

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L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:529 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:7,Line#:526

L:777 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:9

L:788 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:9, Line#:779